BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE.

DIVISION: BYATARAYANAPURA.

SUB DIVISION: VIDYARANYAPURA.

PRE-MEASUREMENT

7TH AND PART BILL

Name of Work: *Package No. 06 (Consists of 14 Works).*

Est Cost: 1500.00 Lakhs

Work Order: BBMP/EE/BTP/WO/76/2022-23 Dated: 24-11-2022.

Agency: M/s. SMLP Asphalts Prop: Sri B.B. Umesha

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Excecutive Engineer Vidyaranyapura Sub Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Sub Code: 009-23-000003

7th & Part Bill

Item NO: 4

Item Name: Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.

SL NO	CHAINAGE / Land mark	NO	Length (m)	Breadth 1 B1(m)	Breadth 2 B2(m)	Avg. Breadth (m)	Depth (m)	Qty	Remarks
Measurement Recorded On :									
Improvements to Roads and Drains at Thindlu Virupakshapura and Surrounding area in Ward No.09 (Vidyaranyapura)									
	Virupakshapura		25-01-2023						
	Anjaneya Swamy Temple Back Side								
WES	0.00	30.00	1	30.00	1.10	1.10	1.10	1.10	36.30
	30.00	31.50	1	1.50	1.10	1.10	1.10	1.10	1.82
	Anjaneya Swamy Temple Beside								
WES	0.00	30.00	1	30.00	1.10	1.10	1.10	1.10	36.30
	30.00	37.00	1	7.00	1.10	1.10	1.10	1.10	8.47
	Anjaneya Swamy Temple Beside								
WES	0.00	14.00	1	14.00	1.10	1.10	1.10	1.10	16.94
	14.00	28.00	1	14.00	1.10	1.10	1.10	1.10	16.94
	28.00	36.80	1	8.80	1.10	1.10	1.10	1.10	10.65
	36.80	41.00	1	4.20	1.10	1.10	1.10	1.10	5.08
	K. Veeranna Layout								
	Cross Road--1								
WES	0.00	30.00	1	30.00	1.10	1.10	1.10	1.10	36.30
	Cross Road From cross road-1 to Thindlu main Road								
WES	0.00	14.00	1	14.00	1.10	1.10	1.10	1.10	16.94
	14.00	44.00	1	30.00	1.10	1.10	1.10	1.10	36.30
	44.00	74.00	1	30.00	1.10	1.10	1.10	1.10	36.30
	74.00	82.00	1	8.00	1.10	1.10	1.10	1.10	9.68
	Cross Road From cross road-1 to Thindlu main Road								
WES	0.00	14.00	1	14.00	1.10	1.10	1.10	1.10	16.94
	14.00	26.00	1	12.00	1.10	1.10	1.10	1.10	14.52
	31.00	45.00	1	14.00	1.10	1.10	1.10	1.10	16.94
	45.00	75.00	1	30.00	1.10	1.10	1.10	1.10	36.30
	75.00	86.00	1	11.00	1.10	1.10	1.10	1.10	13.31
	For Culverts								
1	Anjaneya Swamy Temple Beside -1	1	5.00	1.40	1.40	1.40	1.10	7.70	

SLNO	CHAINAGE Land mark	NO	Length (m)	Breadth 1 B1(m)	Breadth 2 B2(m)	Avg. Breadth (m)	Depth (m)	Qty	Remarks
2	Anjaneya Swamy Temple Beside-2	1	5.00	1.40	1.40	1.40	1.10	7.70	
3	Anjaneya Swamy Temple Beside-3	1	6.00	1.40	1.40	1.40	1.10	9.24	
4	VirupakshaPura M/R-3rd A Cross Jun	1	7.50	1.40	1.40	1.40	1.10	11.55	
5	VirupakshaPura M/R-4th A Cross Jun	1	7.10	1.40	1.40	1.40	1.10	10.93	
Executed Quantity								**413.15**	**Cum**
Quantity carried to summary of 7th RA bill								**413.15**	**Cum**

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No. 09
BBMP Bangalore

Asst. Executive Engineer
Vidyaranyapura Sub Division
BBMP Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Excecutive Engineer, Vidyaranyapura Sub Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Work order No: BBMP/EE/BTP/WO/76/22-23

Work Code: 009-23-000003

7th & Part Bill

Item NO	8	
Item Name	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications.	

SLNO	CHAINAGE / Land mark		NO	Length (m)	Breadth 1 B1(m)	Breadth 2 B2(m)	Avg. Breadth (m)	Depth (m)	Qty	Remarks
Measurement Recorded On :										
Improvements to Roads and Drains at Thindlu Virupakshapura and Surrounding area in Ward No.09 (Vidyaranyapura)										
	Veeranna Layout			22-02-2023						
	Anjaneya Swamy Temple Back Side									
1S	0.00	30.00	1	30.00	1.10	1.10	1.10	0.15	4.95	
	30.00	31.50	1	1.50	1.10	1.10	1.10	0.15	0.25	
	Anjaneya Swamy Temple Beside									
1S	0.00	30.00	1	30.00	1.10	1.10	1.10	0.15	4.95	
	30.00	37.00	1	7.00	1.10	1.10	1.10	0.15	1.16	
	Anjaneya Swamy Temple Beside									
1S	0.00	14.00	1	14.00	1.10	1.10	1.10	0.15	2.31	
	14.00	28.00	1	14.00	1.10	1.10	1.10	0.15	2.31	
	28.00	36.80	1	8.80	1.10	1.10	1.10	0.15	1.45	
	36.80	41.00	1	4.20	1.10	1.10	1.10	0.15	0.69	
	Virupakshapura									
	Cross Road--1									
1S	0.00	30.00	1	30.00	1.10	1.10	1.10	0.15	4.95	
	Cross Road From cross road-1 to Thindlu main Road									
1S	0.00	14.00	1	14.00	1.10	1.10	1.10	0.15	2.31	
	14.00	44.00	1	30.00	1.10	1.10	1.10	0.15	4.95	
	44.00	74.00	1	30.00	1.10	1.10	1.10	0.15	4.95	
	74.00	82.00	1	8.00	1.10	1.10	1.10	0.15	1.32	
	Cross Road From cross road-1 to Thindlu main Road									
1S	0.00	14.00	1	14.00	1.10	1.10	1.10	0.15	2.31	
	14.00	26.00	1	12.00	1.10	1.10	1.10	0.15	1.98	
	26.00	31.00	1	5.00						Cross Road
	31.00	45.00	1	14.00	1.10	1.10	1.10	0.15	2.31	
	45.00	75.00	1	30.00	1.10	1.10	1.10	0.15	4.95	
	75.00	86.00	1	11.00	1.10	1.10	1.10	0.15	1.82	
	For Culverts									
1	Anjaneya Swamy Temple Beside -1		1	5.00	1.40	1.40	1.40	0.20	1.40	
2	Anjaneya Swamy Temple Beside-2		1	5.00	1.40	1.40	1.40	0.20	1.40	
3	Anjaneya Swamy		1	6.00	1.40	1.40	1.40	0.20	1.68	

SLNO	CHAINAGE Land mark	NO	Length (m)	Breadth 1 B1(m)	Breadth 2 B2(m)	Avg. Breadth (m)	Depth (m)	Qty	Remarks
4	VirupakshaPura M/R-3rd A Cross Jun	1	7.50	1.40	1.40	1.40	0.20	2.10	
5	VirupakshaPura M/R-4th A Cross Jun	1	7.10	1.40	1.40	1.40	0.20	1.99	
Executed Quantity								**58.48**	**Cum**
Quantity carried to summary of 7th RA bill								**58.48**	**Cum**

Contractor Representative

Assistant Engineer
Ward No. 09
BBMP Bangalore

Consultant Representative

Asst. Executive Engineer
Vidyaranyapura Sub Division
BBMP Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Excecutive Engineer Vidyaranyapura Sub Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Agreement No: BBMP/EE/BTP/WO/76/22-23

Work Code: 009-23-000003

7th & Part Bill

Item NO	9	

Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M20 (The cost of steel reinforcement & formwork to be paid separately)

SL NO	CHAINAGE		NO	Length	Breadth 1	Breadth 2	Avg. Breadth	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	(m)	(m)		
	Measurement Recorded On :			15-03-2023						
	Improvements to Roads and Drains at Thindlu Virupakshapura and Surrounding area in Ward No.09 (Vidyaranyapura)									
	Virupakshapura									
	Draft									
	Anjaneya Swamy Temple Back Side									
BS	0.00	30.00	1	30.00	0.90	0.90	0.90	0.15	4.05	
	30.00	31.50	1	1.50	0.90	0.90	0.90	0.15	0.20	
	Anjaneya Swamy Temple Beside									
BS	0.00	30.00	1	30.00	0.90	0.90	0.90	0.15	4.05	
	30.00	40.50	1	10.50	0.90	0.90	0.90	0.15	1.42	
	Anjaneya Swamy Temple Beside									
BS	0.00	14.00	1	14.00	0.90	0.90	0.90	0.15	1.89	
	14.00	28.00	1	14.00	0.90	0.90	0.90	0.15	1.89	
	28.00	36.80	1	8.80	0.90	0.90	0.90	0.15	1.19	Ufc
	36.80	44.30	1	7.50	0.90	0.90	0.90	0.15	1.01	
	Veeranna Layout									
	Cross Road--1									
BS	0.00	30.00	1	30.00	0.90	0.90	0.90	0.15	4.05	
	Cross Road From cross road-1 to Thindlu main Road									
BS	0.00	14.00	1	14.00	0.90	0.90	0.90	0.15	1.89	
	14.00	44.00	1	30.00	0.90	0.90	0.90	0.15	4.05	
	44.00	74.00	1	30.00	0.90	0.90	0.90	0.15	4.05	Ufc
	74.00	82.00	1	8.00	0.90	0.90	0.90	0.15	1.08	
	Cross Road From cross road-1 to Thindlu main Road									
BS	0.00	14.00	1	14.00	0.90	0.90	0.90	0.15	1.89	
	14.00	26.00	1	12.00	0.90	0.90	0.90	0.15	1.62	
	31.00	45.00	1	14.00	0.90	0.90	0.90	0.15	1.89	Ufc
	45.00	75.00	1	30.00	0.90	0.90	0.90	0.15	4.05	
	75.00	86.00	1	11.00	0.90	0.90	0.90	0.15	1.49	

Assistant Engineer

	CHAINAGE		NO	Length	Breadth 1	Breadth 2	Avg. Breadth	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	(m)	(m)		
	For Culverts									
	Anjaneya Swamy Temple Beside		1	5.00	1.30	1.30	1.30	0.20	1.30	
	Anjaneya Swamy Temple Beside		1	5.00	1.30	1.30	1.30	0.20	1.30	
	Anjaneya Swamy Temple Beside		1	6.00	1.30	1.30	1.30	0.20	1.56	
	VirupakshaPura M/R-3rd A Cross Jun		1	7.50	1.30	1.30	1.30	0.20	1.95	
	VirupakshaPura M/R-4th A Cross Jun		1	7.10	1.30	1.30	1.30	0.20	1.85	
	rement Recorded On :									
	Wall									
	Virupakshapura									
	Anjaneya Swamy Temple Back Side									
	0.00	30.00	2	30.00	0.15	0.15	0.15	0.55	4.95	
	30.00	31.50	2	1.50	0.15	0.15	0.15	0.56	0.25	
	Anjaneya Swamy Temple Beside									
	0.00	30.00	2	30.00	0.15	0.15	0.15	0.53	4.77	
	30.00	37.00	2	7.00	0.15	0.15	0.15	0.56	1.18	
	Anjaneya Swamy Temple Beside									
	0.00	14.00	2	14.00	0.15	0.15	0.15	0.58	2.44	
	14.00	28.00	2	14.00	0.15	0.15	0.15	0.57	2.39	
	28.00	36.80	2	8.80	0.15	0.15	0.15	0.56	1.48	
	36.80	41.00	2	4.20	0.15	0.15	0.15	0.56	0.71	
	Veeranna Layout									
	Cross Road--1									
	0.00	30.00	2	30.00	0.15	0.15	0.15	0.45	4.05	
	Cross Road From cross road-1 to Thindlu main Road									
	0.00	14.00	2	14.00	0.15	0.15	0.15	0.60	2.52	
	14.00	44.00	2	30.00	0.15	0.15	0.15	0.62	5.58	
	44.00	74.00	2	30.00	0.15	0.15	0.15	0.61	5.49	
	74.00	82.00	2	8.00	0.15	0.15	0.15	0.62	1.49	
	Cross Road From cross road-1 to Thindlu main Road									
	0.00	14.00	2	14.00	0.15	0.15	0.15	0.60	2.52	
	14.00	26.00	2	12.00	0.15	0.15	0.15	0.62	2.23	
	31.00	45.00	2	14.00	0.15	0.15	0.15	0.62	2.60	
	45.00	75.00	2	30.00	0.15	0.15	0.15	0.60	5.40	
	75.00	86.00	2	11.00	0.15	0.15	0.15	0.62	2.05	
	For Culverts									
	Anjaneya Swamy Temple Beside -1		2	5.00	0.23	0.23	0.23	0.65	1.50	
	Anjaneya Swamy Temple Beside-2		2	5.00	0.23	0.23	0.23	0.68	1.56	
	Anjaneya Swamy Temple Beside-3		2	6.00	0.23	0.23	0.23	0.63	1.74	

Assistant Executive Engi
nyapura Sub D

CHAINAGE Land mark	NO	Length (m)	Breadth 1 B1(m)	Breadth 2 B2(m)	Avg. Breadth (m)	Depth (m)	Qty	Remarks
VirupakshaPura M/R-3rd A Cross Jun	2	7.50	0.23	0.23	0.23	0.65	2.24	
VirupakshaPura M/R-4th A Cross Jun	2	7.10	0.23	0.23	0.23	0.68	2.22	
Executed Quantity							**111.06**	**Cum**
Quantity carried to summary of 7th RA bill							**111.06**	**Cum**

Contractor Representative

Assistant Engineer
Ward No.09
BBMP Bangalore

Consultant Representative

Asst. Executive Engineer
Vidyaranyapura Sub Division
BBMP Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANGALORE MAHANAGARA PALIKE

Assistant Excecutive Engineer Vidyaranyapura Sub Division

Package No.06 (Consists of 14 Works)

Measurement Sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Agency Code: 009-23-000003

7th & Part Bill

Item NO	10	
Item Name	Supplying, Fitting and Placing TMT Fe550 bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications. MORTH Specification NO.1600&2200	

SL. NO.	CHAINAGE / Land mark	NO	Length (m)	Breadth (m)	Depth (m)	Qty	Remarks
Measurement Recorded On :			15-03-2023				
Improvements to Roads and Drains at Thindlu Virupakshapura and Surrounding area in Ward No.09 (Vidyaranyapura)							
	Virupakshapura						
	Anjaneya Swamy Temple Back Side						
	LHS		31.50				
	U bar						
	10mm dia	316	2.25			711.00	
	0.62kg/m					**440.82**	Kg
	Distribution bar						
	8mm dia	24	31.45			754.80	
	0.395kg/m					**298.15**	Kg
	Anjaneya Swamy Temple Beside						
	LHS		37.00				
	U bar						
	10mm dia	371	2.25			834.75	
	0.62kg/m					**517.55**	Kg
	Distribution bar						
	8mm dia	24	37.00			888.00	
	0.395kg/m					**350.76**	Kg
	Anjaneya Swamy Temple Beside						
	RHS		41.00				
	U bar						
	10mm dia	411	2.25			924.75	
	0.62kg/m					**573.35**	Kg
	Distribution bar						
	8mm dia	24	40.95			982.80	
	0.395kg/m					**388.21**	Kg
	Veeranna Layout						
	Cross Road--1						
	RHS		30.00				
	U bar						
	10mm dia	301	2.25			677.25	
	0.62kg/m					**419.90**	Kg
	Distribution bar						
	8mm dia	24	29.95			718.80	
	0.395kg/m					**283.93**	Kg
	Cross Road From cross road-1 to Thindlu main Road						
	LHS		82.00				
	U bar						
	10mm dia	821	2.25			1847.25	
	0.62kg/m					**1145.30**	Kg
	Distribution bar						
	8mm dia	19	81.95			1557.05	
	0.395kg/m					**615.03**	Kg

SL. NO.	CHAINAGE Land mark		NO	Length (m)	Breadth (m)	Depth (m)	Qty	Remarks
	Cross Road From cross road-1 to Thindlu main Road							
	RHS		81.00					
	U bar							
	10mm dia	811	2.25				1824.75	
	0.62kg/m						**1131.35**	Kg
	Distribution bar							
	8mm dia	19	80.95				1538.05	
	0.395kg/m						**607.53**	Kg
	Culverts							
			30.60					
	U bar							
	12mm dia	307	3.10				951.70	
	0.62kg/m						**847.01**	Kg
	Distribution bar							
	10mm dia	32	30.55				977.60	
	0.395kg/m						**606.11**	Kg
				For Double mat			**2906.25**	
							9678.10	Kg
	Executed Quantity						**9.68**	**Tonne**
	Quantity carried to summary of 7th RA bill						**9.68**	**Tonne**

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No.09
BBMP Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Executive Engineer, Vidyaranyapura Sub Division

Package No.06 (Consists of 14 Works)

Measurement sheet

e of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

rder No: BBMP/EE/BTP/WO/76/22-23

Code: 009-23-000003

7th & Part Bill

16	

Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work.In all kinds of soils upto 300 mm depth. (PWD SR 21-22 Vol I Pg no 8 Item No 1.12)

CHAINAGE / Land mark	NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadth B(m)	Depth (m)	Qty	Remarks
rement Recorded On :		05-04-2023						
vements to Roads and Drains at Thindlu Virupakshapura and Surrounding area in Ward No.09 nyapura)								
Virupakshapura								
CC Road								
Anjaneya Swamy Temple Back Side								
		1	7.50	4.85	5.00	4.93	0.40	14.78
		1	7.50	6.25	6.50	6.38	0.40	19.13
		1	15.00	5.75	6.30	6.03	0.40	36.15
		1	12.00	6.30	13.70	10.00	0.40	48.00
		1	15.00	7.50	7.45	7.48	0.40	44.85
		1	15.00	7.45	5.85	6.65	0.40	39.90
		1	10.00	5.85	5.50	5.68	0.40	22.70
Anjaneya Swamy Temple Beside-1								
		1	15.00	5.85	5.70	5.78	0.40	34.65
		1	13.00	5.70	5.80	5.75	0.40	29.90
Anjaneya Swamy Temple Beside-2								
		1	15.00	6.80	6.05	6.43	0.40	38.55
		1	15.00	6.05	5.40	5.73	0.40	34.35
		1	7.00	5.20	5.00	5.10	0.40	14.28
Asphalt Road								
Veeranna Layout								
Cross Road--1								
		1	15.00	3.70	3.20	3.45	0.40	20.70
		1	15.00	3.20	4.00	3.60	0.40	21.60
Cross Road From cross road-1 to Thindlu main Road								
		1	15.00	5.50	5.40	5.45	0.40	32.70
		1	15.00	5.40	4.90	5.15	0.40	30.90
		1	15.00	4.90	5.10	5.00	0.40	30.00
		1	15.00	5.10	5.30	5.20	0.40	31.20

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Executive Engineer, Vidyaranyapura Sub Division

Package No.06 (Consists of 14 Works)

Measurement sheet

the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

der No: BBMP/EE/BTP/WO/76/22-23

de: 009-23-000003

7th & Part Bill

NO	17	
	Scarifying the existing bituminous road surface to a depth of 50 mm and disposal of scarified material by Mechanical Means using Hydraulic excavator with in all lifts and lead MORTH Specification No. 305.4.3	

NO	CHAINAGE / Land mark	NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadth	Depth (m)	Qty	Remarks
rement Recorded On :									
rovements to Roads and Drains at Thindlu Virupakshapura and Surrounding area in Ward No.09 aranyapura)									
	Virupakshapura			12-04-2023					
	Asphalt Road								
	wamappa Layout								
		1st Main Road From Thindlu to Dead End							
		1	15.00	1.20	1.30	1.25		18.75	
		1	15.00	1.30	1.25	1.28		19.13	
		1	15.00	1.25	1.20	1.23		18.38	
		1	15.00	1.20	1.30	1.25		18.75	
		1	15.00	1.30	1.25	1.28		19.13	
		1	15.00	1.25	1.20	1.23		18.38	
		1	15.00	1.20	1.30	1.25		18.75	
		1	15.00	1.30	1.25	1.28		19.13	
		1	15.00	1.25	1.20	1.23		18.38	
		1	14.90	1.20	1.30	1.25		18.63	
		1	15.00	1.20	1.30	1.25		18.75	
		1	15.00	1.30	1.20	1.25		18.75	
		1	15.00	1.20	1.25	1.23		18.38	
		1	15.00	1.25	1.30	1.28		19.13	
		1	15.00	1.30	1.30	1.30		19.50	
		1	15.00	1.30	1.25	1.28		19.13	
		1	15.00	1.25	1.20	1.23		18.38	
		1	15.00	1.20	1.20	1.20		18.00	
		1	15.00	1.20	1.20	1.20		18.00	
		1	14.90	1.20	1.25	1.23		18.25	
		Saras Street Road							
		1	15.00	1.20	1.30	1.25		18.75	
		1	15.00	1.30	1.25	1.28		19.13	
		1	15.00	1.25	1.25	1.25		18.75	
		1	7.10	1.25	1.20	1.23		8.70	
		1	15.00	1.20	1.30	1.25		18.75	
		1	15.00	1.30	1.25	1.28		19.13	
		1	15.00	1.25	1.20	1.23		18.38	
		1	7.10	1.20	1.00	1.10		7.81	
	Schedule B Quantity							**503.01**	**Sqm**
	Quantity carried to summary of 7th RA bill							**503.01**	**Sqm**

tor Representative

Consultant Representative

ssistant Engineer

Assistant Executive Engineer

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Executive Engineer, Vidyaranyapura Sub Division

Package No.06 (Consists of 14 Works)

Measurement sheet

of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

rder No: BBMP/EE/BTP/WO/76/22-23

ode: 009-23-000003

7th & Part Bill

18	

Construction of Granular Sub-Base of required grading as per design mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401 (For Grading -V Material)

CHAINAGE		NO	Length	Breadth	Breadth	Avg Breadth	Depth	Qty	Remarks
Land mark			(m)	B1(m)	B2(m)	B(m)	(m)		
rement Recorded On :			20-04-2023						
rovements to Roads and Drains at Thindlu Virupakshapura and Surrounding area in Ward No.09 aranyapura)									
Virupakshapura									
CC Road									
Anjaneya Swamy Temple Back Side									
0.00	10.00	1	10.00	5.00	6.40	5.70	0.20	11.40	
10.00	20.00	1	10.00	6.40	6.00	6.20	0.20	12.40	
20.00	30.00	1	10.00	6.50	6.80	6.65	0.20	13.30	
30.00	40.00	1	10.00	8.00	10.50	9.25	0.20	18.50	
40.00	50.00	1	10.00	10.50	7.80	9.15	0.20	18.30	
50.00	60.00	1	10.00	5.60	7.20	6.40	0.20	12.80	
60.00	70.00	1	10.00	7.20	7.60	7.40	0.20	14.80	
70.00	83.00	1	13.00	7.60	6.80	7.20	0.22	20.59	
Anjaneya Swamy Temple Beside-1									
0.00	10.00	1	10.00	5.00	5.70	5.35	0.25	13.38	
10.00	20.00	1	10.00	5.70	6.30	6.00	0.25	15.00	
20.00	33.00	1	13.00	5.20	6.80	6.00	0.25	19.50	
Anjaneya Swamy Temple Beside-2									
0.00	10.00	1	10.00	5.70	5.70	5.70	0.25	14.25	
10.00	20.00	1	10.00	5.70	5.80	5.75	0.25	14.38	
20.00	37.00	1	17.00	5.20	6.10	5.65	0.25	24.01	
Asphalt Road									
Veeranna Layout									
Cross Road--1									
0.00	10.00	1	10.00	4.00	3.10	3.55	0.20	7.10	
10.00	20.00	1	10.00	3.10	3.50	3.30	0.20	6.60	
20.00	30.00	1	10.00	3.50	3.70	3.60	0.20	7.20	
Cross Road From cross road-1 to Thindlu main Road									
0.00	10.00	1	10.00	6.00	5.40	5.70	0.20	11.40	
10.00	20.00	1	10.00	5.40	5.50	5.45	0.20	10.90	
20.00	30.00	1	10.00	5.50	4.80	5.15	0.20	10.30	
30.00	40.00	1	10.00	4.80	5.70	5.25	0.20	10.50	
40.00	50.00	1	10.00	5.70	5.60	5.65	0.20	11.30	

AEE (VRP) SD

CHAINAGE		NO	Length	Breadth	Breadth	Avg Breadth	Depth	Qty	Remarks
Land mark			(m)	B1(m)	B2(m)	B(m)	(m)		
50.00	60.00	1	10.00	5.60	5.50	5.55	0.20	11.10	
60.00	87.00	1	27.00	5.50	7.50	6.50	0.20	35.10	
Executed Quantity								**344.10**	**Cum**
Quantity carried to summary of 7th RA bill								**344.10**	**Cum**

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No.09
BBMP Bengaluru

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP Bengaluru

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Executive Engineer, Vidyaranyapura Sub Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Agreement No: BBMP/EE/BTP/WO/76/22-23

Work Code: 009-23-000003

7th & Part Bill

Item NO: 19

Item Name: Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared *surface and compacting with vibratory roller to achieve the desired density MORTH Specification No.* 406

SLNO	CHAINAGE / Land mark	NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadth	Depth (m)	Qty	Remarks
	Measurement Recorded On :		10-05-2023						
	Improvements to Roads and Drains at Thindlu Virupakshapura and Surrounding area in Ward No.09 (Vidyaranyapura)								
	Asphalt Road								
	Veeranna Layout								
	Cross Road--1								
		1	15.00	3.70	3.20	3.45	0.23	11.90	
		1	15.00	3.20	4.00	3.60	0.23	12.42	
	Cross Road From cross road-1 to Thindlu main Road								
		1	15.00	5.50	5.40	5.45	0.23	18.80	
		1	15.00	5.40	4.90	5.15	0.23	17.77	
		1	15.00	4.90	5.10	5.00	0.23	17.25	
		1	15.00	5.10	5.30	5.20	0.23	17.94	Ok
		1	15.00	5.30	5.35	5.33	0.23	18.37	
		1	14.00	5.35	5.30	5.33	0.23	17.15	
	Munniswamappa Layout								
	1st Main Road From Thindlu to Dead End								
		1	15.00	1.20	1.30	1.25	0.23	4.31	
		1	15.00	1.30	1.25	1.28	0.23	4.40	
		1	15.00	1.25	1.20	1.23	0.23	4.23	
		1	15.00	1.20	1.30	1.25	0.23	4.31	
		1	15.00	1.30	1.25	1.28	0.23	4.40	
		1	15.00	1.25	1.20	1.23	0.23	4.23	Ok
		1	15.00	1.20	1.30	1.25	0.23	4.31	
		1	15.00	1.30	1.25	1.28	0.23	4.40	
		1	15.00	1.25	1.20	1.23	0.23	4.23	
		1	14.90	1.20	1.30	1.25	0.23	4.28	
		1	15.00	1.20	1.30	1.25	0.23	4.31	
		1	15.00	1.30	1.20	1.25	0.23	4.31	
		1	15.00	1.20	1.25	1.23	0.23	4.23	
		1	15.00	1.25	1.30	1.28	0.23	4.40	
		1	15.00	1.30	1.30	1.30	0.23	4.49	Ok
		1	15.00	1.30	1.25	1.28	0.23	4.40	
		1	15.00	1.25	1.20	1.23	0.23	4.23	
		1	15.00	1.20	1.20	1.20	0.23	4.14	
		1	15.00	1.20	1.20	1.20	0.23	4.14	
		1	14.90	1.20	1.25	1.23	0.23	4.20	
	Saras Street Road								
		1	15.00	1.20	1.30	1.25	0.23	4.31	
		1	15.00	1.30	1.25	1.28	0.23	4.40	Ok
		1	15.00	1.25	1.25	1.25	0.23	4.31	
		1	7.10	1.25	1.20	1.23	0.23	2.00	

SL NO	CHAINAGE Land mark		NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadth	Depth (m)	Qty	Remarks
			1	15.00	1.30	1.25	1.28	0.23	4.40	
			1	15.00	1.25	1.20	1.23	0.23	4.23	
			1	7.10	1.20	1.00	1.10	0.23	1.80	
Executed Quantity									**247.29**	**Cum**
Quantity carried to summary of 7th RA bill									**247.29**	**Cum**

Contractor Representative

Assistant Engineer
Ward No.09
BBMP Bengaluru

Consultant Representative

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP Bengaluru

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Executive Engineer, Vidyaranyapura Sub Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

7th & Part Bill

Item NO	20	
Item Name	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means MORTH Specification No.502	

SL NO	CHAINAGE / Land mark	NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg B (m)	Depth (m)	Qty	Remarks
Measurement Recorded On :			17-05-2023						
2) Improvements to Roads and Drains at Thindlu Virupakshapura and Surrounding area in Ward No.09 (Vidyaranyapura)									
	Asphalt Road								
	Veeranna Layout								
	Cross Road--1								
			1	15.00	3.70	3.20	3.45		51.75
			1	15.00	3.20	4.00	3.60		54.00
	Cross Road From cross road-1 to Thindlu main Road								
			1	15.00	5.50	5.40	5.45		81.75
			1	15.00	5.40	4.90	5.15		77.25
			1	15.00	4.90	5.10	5.00		75.00
			1	15.00	5.10	5.30	5.20		78.00
			1	15.00	5.30	5.35	5.33		79.88
			1	14.00	5.35	5.30	5.33		74.55
	Muniswamappa Layout								
	1st Main Road From Thindlu to Dead End								
RHS			1	15.00	1.20	1.30	1.25		18.75
			1	15.00	1.30	1.25	1.28		19.13
			1	15.00	1.25	1.20	1.23		18.38
			1	15.00	1.20	1.30	1.25		18.75
			1	15.00	1.30	1.25	1.28		19.13
			1	15.00	1.25	1.20	1.23		18.38
			1	15.00	1.20	1.30	1.25		18.75
			1	15.00	1.30	1.25	1.28		19.13
			1	15.00	1.25	1.20	1.23		18.38
			1	14.90	1.20	1.30	1.25		18.63
LHS									
			1	15.00	1.20	1.30	1.25		18.75
			1	15.00	1.30	1.20	1.25		18.75
			1	15.00	1.20	1.25	1.23		18.38
			1	15.00	1.25	1.30	1.28		19.13
			1	15.00	1.30	1.30	1.30		19.50
			1	15.00	1.30	1.25	1.28		19.13
			1	15.00	1.25	1.20	1.23		18.38
			1	15.00	1.20	1.20	1.20		18.00
			1	15.00	1.20	1.20	1.20		18.00
			1	14.90	1.20	1.25	1.23		18.25
	Saras Street Road								
RHS			1	15.00	1.20	1.30	1.25		18.75
			1	15.00	1.30	1.25	1.28		19.13
			1	15.00	1.25	1.25	1.25		18.75
			1	7.10	1.25	1.20	1.23		8.70
RHS									
			1	15.00	1.20	1.30	1.25		18.75

SL NO	CHAINAGE		NO	Length	Breadth	Breadth	Avg B (m)	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)		(m)		
			1	15.00	1.30	1.25	1.28		19.13	
			1	15.00	1.25	1.20	1.23		18.38	
			1	7.10	1.20	1.00	1.10		7.81	
Executed Quantity									**1075.19**	**Sqm**
Quantity carried to summary of 7th RA bill									**1075.19**	**Sqm**

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No.09
BBMP Bengaluru

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP Bengaluru

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Executive Engineer, Vidyaranyapura Sub Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

7th & Part Bill

Item NO	21	
Item Name	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects	

SL NO	CHAINAGE / Land mark		NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadt	Depth (m)	Qty	Remarks
Measurement Recorded On :				17-05-2023						
2) Improvements to Roads and Drains at Thindlu Virupakshapura and Surrounding area in Ward No.09 (Vidyaranyapura)										
	Asphalt Road									
	Veeranna Layout									
	Cross Road--1									
			1	15.00	3.70	3.20	3.45	0.05	2.59	
			1	15.00	3.20	4.00	3.60	0.05	2.70	
	Cross Road From cross road-1 to Thindlu main Road									
			1	15.00	5.50	5.40	5.45	0.05	4.09	
			1	15.00	5.40	4.90	5.15	0.05	3.86	
			1	15.00	4.90	5.10	5.00	0.05	3.75	
			1	15.00	5.10	5.30	5.20	0.05	3.90	
			1	15.00	5.30	5.35	5.33	0.05	3.99	
			1	14.00	5.35	5.30	5.33	0.05	3.73	
Muniswamappa Layout										
	1st Main Road From Thindlu to Dead End									
RHS			1	15.00	1.20	1.30	1.25	0.05	0.94	
			1	15.00	1.30	1.25	1.28	0.05	0.96	
			1	15.00	1.25	1.20	1.23	0.05	0.92	
			1	15.00	1.20	1.30	1.25	0.05	0.94	
			1	15.00	1.30	1.25	1.28	0.05	0.96	
			1	15.00	1.25	1.20	1.23	0.05	0.92	
			1	15.00	1.20	1.30	1.25	0.05	0.94	
			1	15.00	1.30	1.25	1.28	0.05	0.96	
			1	15.00	1.25	1.20	1.23	0.05	0.92	
			1	14.90	1.20	1.30	1.25	0.05	0.93	
LHS										
			1	15.00	1.20	1.30	1.25	0.05	0.94	
			1	15.00	1.30	1.20	1.25	0.05	0.94	
			1	15.00	1.20	1.25	1.23	0.05	0.92	
			1	15.00	1.25	1.30	1.28	0.05	0.96	
			1	15.00	1.30	1.30	1.30	0.05	0.98	
			1	15.00	1.30	1.25	1.28	0.05	0.96	
			1	15.00	1.25	1.20	1.23	0.05	0.92	
			1	15.00	1.20	1.20	1.20	0.05	0.90	
			1	15.00	1.20	1.20	1.20	0.05	0.90	
			1	14.90	1.20	1.25	1.23	0.05	0.91	
	Saras Street Road									
RHS			1	15.00	1.20	1.30	1.25	0.05	0.94	
			1	15.00	1.30	1.25	1.28	0.05	0.96	
			1	15.00	1.25	1.25	1.25	0.05	0.94	

SL NO	CHAINAGE Land mark		NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadt	Depth (m)	Qty	Remarks
			1	15.00	1.20	1.30	1.25	0.05	0.94	
			1	15.00	1.30	1.25	1.28	0.05	0.96	
			1	15.00	1.25	1.20	1.23	0.05	0.92	
			1	7.10	1.20	1.00	1.10	0.05	0.39	
Executed Quantity									**53.76**	**Cum**
Quantity carried to summary of 7th RA bill									**53.76**	**Cum**

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No.09
BBMP Bengaluru

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP Bengaluru

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Executive Engineer, Vidyaranyapura Sub Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Work Order No: BBMP/EE/BTP/WO/76/22-23

Agreement Code: 009-23-000003

7th & Part Bill

Item NO 22

Item Name: Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.25 kg/m2 on the prepared bituminous surface cleaned with mechanical broom MORTH Specification No. 503

SL NO	CHAINAGE / Land mark	NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadth	Depth (m)	Qty	Remarks
Measurement Recorded On :			25-05-2023						
Improvements to Roads and Drains at Thindlu Virupakshapura and Surrounding area in Ward No.09 (Vidyaranyapura)									
	Veeranna Layout								
	Asphalt Road								
	Cross Road--1								
			1	15.00	3.70	3.20	3.45	51.75	
			1	15.00	3.20	4.00	3.60	54.00	
	Cross Road From cross road-1 to Thindlu main Road								
			1	15.00	5.50	5.40	5.45	81.75	
			1	15.00	5.40	4.90	5.15	77.25	
			1	15.00	4.90	5.10	5.00	75.00	
			1	15.00	5.10	5.30	5.20	78.00	
			1	15.00	5.30	5.35	5.33	79.88	
			1	14.00	5.35	5.30	5.33	74.55	
	Muniswamappa Layout								
	1st Main Road From Thindlu to Dead End								
			1	15.00	5.00	4.30	4.65	69.75	
			1	15.00	4.30	4.35	4.33	64.88	
			1	15.00	4.35	5.15	4.75	71.25	
			1	15.00	5.15	4.90	5.03	75.38	
			1	15.00	5.40	5.50	5.45	81.75	
			1	15.00	5.50	6.00	5.75	86.25	
			1	15.00	6.00	6.20	6.10	91.50	
			1	15.00	6.20	6.40	6.30	94.50	
			1	15.00	6.40	6.60	6.50	97.50	
			1	14.90	6.60	5.70	6.15	91.64	
	Saras Street Road								
			1	15.00	4.40	4.80	4.60	69.00	
			1	15.00	4.80	4.70	4.75	71.25	
			1	15.00	4.70	4.60	4.65	69.75	
			1	7.10	4.60	4.90	4.75	33.73	
	Deductions								
	Chambers	-9	1.00				0.70	-6.30	
	Manholes	-7	0.64	= (3.142*0.9*0.9)/4 = 0.64				-4.48	
	Executed Quantity							**1629.51**	**Sqm**
	Quantity carried to summary of 7th RA bill							**1629.51**	**Sqm**

Contractor Representative

Consultant Representative

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Executive Engineer, Vidyaranyapura Sub Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

7th & Part Bill

Item	26
Item Name	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:5:10 Using 40 mm nominal size graded crushed coarse aggregates

SL NO	CHAINAGE / Land mark		NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadth	Depth (m)	Qty	Remarks
Measurement Recorded On :				30-05-2023						
1	Improvements to Roads and Drains at Thindlu Virupakshapura and Surrounding area in Ward No.09 (Vidyaranyapura)									
	Virupakshapura									
	CC Road									
	Anjaneya Swamy Temple Back Side									
			1	7.50	4.85	5.00	4.93	0.15	5.54	
			1	7.50	6.25	6.50	6.38	0.15	7.17	
			1	15.00	5.75	6.30	6.03	0.15	13.56	
			1	12.00	6.30	13.70	10.00	0.15	18.00	
			1	15.00	7.50	7.45	7.48	0.15	16.82	
			1	15.00	7.45	5.85	6.65	0.15	14.96	
			1	10.00	5.85	5.50	5.68	0.15	8.51	
	Anjaneya Swamy Temple Beside-1									
			1	15.00	5.85	5.70	5.78	0.15	12.99	
			1	13.00	5.70	5.80	5.75	0.15	11.21	
	Anjaneya Swamy Temple Beside-2									
			1	15.00	6.80	6.05	6.43	0.15	14.46	
			1	15.00	6.05	5.40	5.73	0.15	12.88	
			1	7.00	5.20	5.00	5.10	0.15	5.36	
	Deductions									
	Chambers		-2	1.00			0.70	0.15	-0.21	
	Manholes		-3	0.64	(3.142*0.9*0.9)/4 = 0.64			0.15	-0.29	
	Executed Quantity								**140.96**	**Cum**
	Quantity carried to summary of 7th RA bill								**140.96**	**Cum**

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No. 09
BBMP Bengaluru

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP Bengaluru

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97